California ISO

KEY STATISTICS

Peaks for May 2026

PEAK DEMAND[1]
33,404 MW
May 11, 6:44 p.m.

Previous month
31,873 MW

Previous year:
36,413 MW

SOLAR PEAK[1]
22,706 MW
May 20, 1:17 p.m.

Previous month:
20,988 MW

Previous year:
21,587 MW

WIND PEAK[1]
8,312 MW
May 15, 1:41 a.m.

Previous month:
7,217 MW

Previous year:
5,879 MW

PEAK DEMAND SERVED BY RENEWABLES[1,2]
24,452 MW
May 3, 2:17 p.m.

Previous month:
26,754 MW

Previous year:
24,729 MW

PEAK NET IMPORTS
8,769 MW
May 19, 4:32 a.m.

Previous month:
9,947 MW

Previous year:
10,003 MW

PEAK NET EXPORTS
5,823 MW
May 9, 4:56 p.m.

Previous month:
3,891 MW

Previous year:
6,755 MW

Historical statistics and records (as of 6/11/2026)

PEAK DEMAND
52,061 MW
Sept. 6, 2022 at 4:57 p.m.

Second highest:
50,270 MW, July 24, 2006

New record

SOLAR PEAK
22,849 MW
June 10, 2026 at 1:47 p.m.

Previous record:
22,706 MW, May 20, 2026

New record

WIND PEAK
8,312 MW
May 15, 2026 at 1:41 a.m.

Previous record:
7,748 MW, May 4, 2026

PEAK NET IMPORTS
11,894 MW
Sept. 21, 2019 at 6:53 p.m.

STEEPEST 3-HOUR AVERAGE RAMP
24,567 MWh
Mar. 16, 2026 starting at 3:50 p.m.

Second highest:
24,378 MWh, Oct. 5, 2025

1 Based on 1-minute averages, and includes dynamic transfers. Values are subject to revision as data is refined.
2 Indicates the highest amount of renewables serving peak electricity demand on any given day.

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KEY STATISTICS

Western Energy Imbalance Market (WEIM) benefits: Q1 2026 Read report

BENEFITS
$382.12 million
Previous quarter:
$415.65 million

ISO AVOIDED CURTAILMENTS
80,832 MWh
Previous quarter:
36,261 MWh

ISO'S GHG SAVINGS[3]
34,596 $MTCO_2$
Previous quarter:
15,520 $MTCO_2$

WEIM benefits since 2014 Visit WEIM page

BENEFITS
$8.62 billion

ISO AVOIDED CURTAILMENTS
2,776,229 MWh

ISO'S TOTAL GHG SAVINGS[3]
1,188,146 $MTCO_2$

Active participants: 24

Future participants: 1

Number of states: 12

Resources

Resource adequacy net qualifying capacity (NQC) = **65,337 MW**

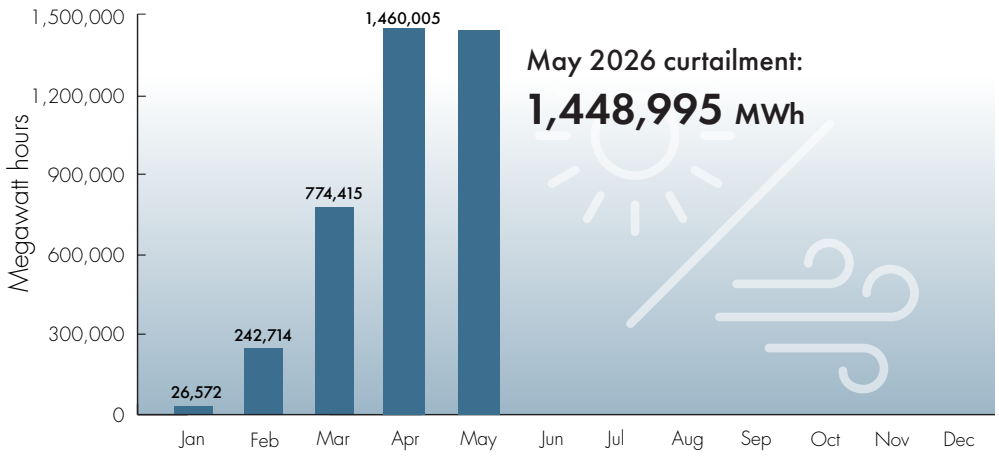
As of 6/1/26. Does not include current outages.

Installed battery capacity[4]
16,531 MW

As of 6/1/26; subject to change.

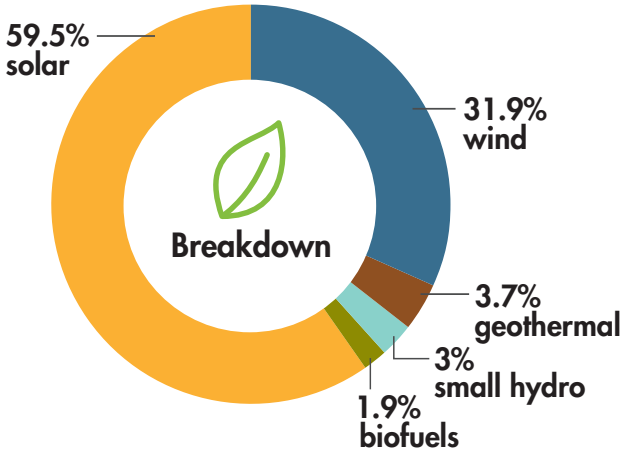
Wind and solar curtailment totals

Learn about curtailment and managing the evolving grid.



[3] The GHG emission reduction is associated with the avoided curtailment only.
[4] Includes storage resources that have achieved commercial operation date, and does not include pumped storage.

Installed renewable resources (as of 6/11/2026)



	Megawatts
Solar	23,000
Wind	12,332
Geothermal	1,443
Small hydro	1,140
Biofuels	727
TOTAL	**38,642**

See Today's Outlook

NOTE — The ISO is using updated methodology to generate data. Only fully commercial units are now counted; units that are in test mode or partially online are excluded. For that data, view the Master Control Area Generating Capability List in the Master Generating File on OASIS under "Atlas Reference."

Other facts

- 32 million consumers served
- Serves ~80% of California demand
- Serves ~24% of WECC demand within the ISO balancing authority
- 1 MW serves about 750-1,000 homes (1 MWh = 1 million watts used for one hour)
- 239.2 million megawatt-hours of load served (2025)
- 245.9 million megawatts of total electricity delivered (2025)
- 41,886 MW average market transactions per day (2025)
- 23 participating transmission owners
- ~26,000 circuit miles of transmission
- 337 market participants
- RC West is the reliability coordinator for 25 balancing authorities and 40 transmission operators

See previous Key Statistics